

# FDC-TFK

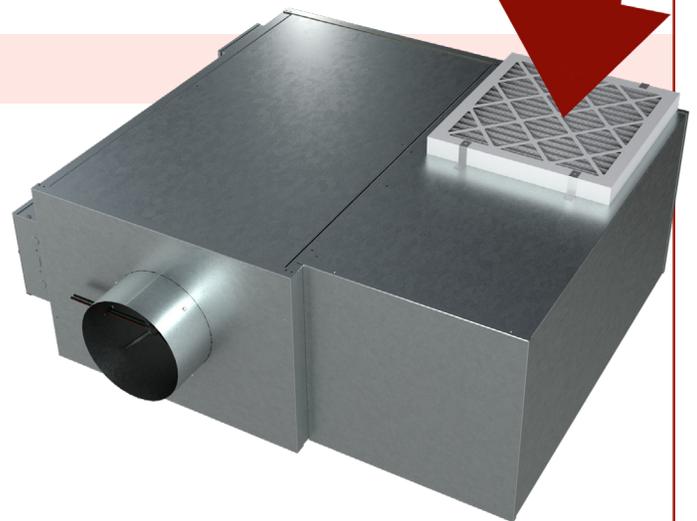
Setting a new standard for fan powered terminal unit acoustics!

- + The QUIETEST series fan powered terminal unit!
- + Optimized for open ceiling applications (<NC 35 for most applications.)
- + Return air openings in any orientation with no impact to performance.

## Key Options and Accessories

- + Electric Coils
  - Voltage Options: 115, 208, 240, 277, 208/3, 480/3
  - SCR Modulating Heat or 1, 2, and 3 stage solutions
- + High efficiency ECM Motors
  - Voltage Options: 115, 208, 240, 277
  - Turn-key variable volume fan operation for improved comfort and efficiency
- + Hot water reheat coils
  - 1, 2, 3 or 4 rows
  - Factory Mounted Piping Packages: 2-way, 3-way, TCVs by others, Manual or Automatic Balancing Valves
- + Discharge Acoustical Treatments
  - Industry leading patented close coupled silencer (fiberglass or polymer lined)
  - Engineered lined duct section that matches the equipment liner
- + MERV 8 or MERV 13 filters
- + Liners: fiberglass, fiber-free foam, or fiberglass board with aluminum foil

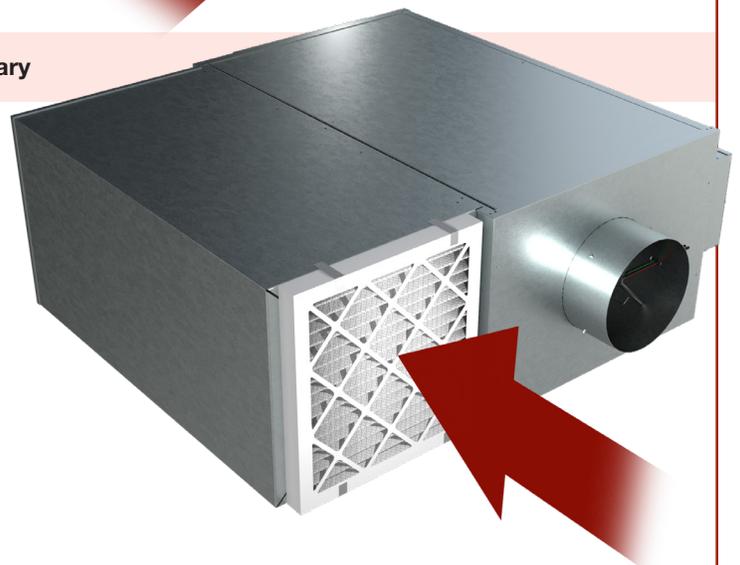
Top



Discharge



Primary



## Acoustical Data

Size		Primary CFM		Fan		Radiated Sound Power Levels						Radiated	Discharge Sound Power Levels						Discharge
Unit	Inlet	Max	Min	CFM	ESP	2	3	4	5	6	7	NC	2	3	4	5	6	7	NC
10	6	200	60	200	0.25	55	48	41	34	30	29	15	60	56	53	48	43	36	14
20	8	350	125	350	0.25	52	46	39	32	29	29	13	57	50	51	47	44	35	6
20	8	400	125	400	0.25	53	46	39	33	29	30	13	58	52	53	48	45	37	8
20	8	500	125	500	0.25	55	48	40	33	30	31	15	61	54	55	51	48	41	12
20	10	600	210	600	0.25	54	47	40	34	30	30	14	62	57	57	54	51	45	14
20	10	700	210	700	0.25	55	48	41	35	31	31	15	64	59	58	56	53	47	15
20	10	800	210	800	0.25	56	49	42	36	33	32	17	65	60	59	57	54	49	16
20	10	900	210	900	0.25	57	50	43	37	34	33	18	66	61	60	58	55	51	17
40	12	1000	300	1000	0.25	60	55	50	40	35	33	24	68	62	63	60	57	54	18
40	12	1100	300	1100	0.25	61	56	51	41	37	35	25	69	63	64	62	59	56	20
40	12	1200	300	1200	0.25	63	57	52	42	38	36	26	70	65	65	63	61	58	22
40	12	1300	300	1300	0.25	64	59	53	43	39	37	28	71	66	67	65	62	60	23
40	12	1400	300	1400	0.25	65	60	53	44	40	38	29	72	67	68	66	64	61	24
40	12	1500	300	1500	0.25	66	61	54	45	41	39	30	73	68	69	67	65	63	26
50	14	1600	430	1600	0.25	63	54	51	43	41	39	26	74	63	65	65	62	59	26
50	14	1700	430	1700	0.25	64	55	51	44	42	40	27	75	69	67	66	63	62	27
50	14	1800	430	1800	0.25	65	55	52	44	42	41	28	76	70	67	67	64	63	28

## Performance Data

Unit Size	Fan Airflow		Motor HP	115V		208V		240V		277V	
	Max	Min		MOP	MCA	MOP	MCA	MOP	MCA	MOP	MCA
10	950	100	1/3	15.0	5.8	15.0	3.6	15.0	3.3	15.0	3.0
20	1250	100	1/3		5.8		3.6		3.3		3.0
30	1575	100	1/2		8.9		5.6		5.0		4.8
40	2000	100	3/4	20.0	12.9		9.0		8.0		7.5
50	2400	100	1	25.0	15.0	20.0	12.0		10.6		8.0

### NOTES

- + Sound Power and Pressure Drop performance is tested in accordance with ASHRAE Standard 130, and AHRI Standard 880.
- + All data above is with fiberglass liner.
- + NC Values are generated in accordance with AHRI Standard 885 Appendix E. They are intended for simplified comparison between manufacturers. For application specific NC data reach out to us at: [airmovement@priceindustries.com](mailto:airmovement@priceindustries.com).
- + Sound power levels are based on  $\Delta P$  of 0.75 in.w.g.



FDC PRODUCT PAGE